

WHAT IS CLAIMED IS:

1. A salt of a basic-reacting amino acid with at least one acidic-reacting sweetener.
- 5 2. A salt as claimed in claim 1, wherein the amino acid is arginine, lysine, histidine, tryptophan or ornithine.
- 10 3. A salt as claimed in claim 1, wherein the sweetener is selected from one or more of the following sweeteners: acesulfame, aspartame, alitame, cyclamate, glycyrrhizin, neotame, saccharin and gluconic acid or gluconate.
- 15 4. A salt as claimed in claim 1, wherein amino acid and sweetener are present in a molecular ratio of 1:1.
5. A salt as claimed in claim 1, wherein amino acid and sweetener are present in a molecular ratio of 1:2.
- 20 6. A salt as claimed in claim 5, wherein two different sweeteners are present in the molecule.
- 25 7. A process for preparing a compound as claimed in claim 1, which comprises either
 - 1) reacting an amino acid in the form of its free acid with one or two identical or different sweeteners and isolating the reaction product formed, or
 - 30 2) reacting an amino acid with one or two identical or different sweeteners in the form of their physiologically compatible salts in

the presence of a physiologically compatible acid and isolating the reaction product formed.

- 5 8. The process as claimed in claim 7, wherein the reaction is carried out in the presence of water or with water-miscible solvent or with a mixture of water and water-miscible solvent as solvent.
- 10 9. The process as claimed in claim 7, wherein the physiologically compatible acid is hydrochloric acid, sulfuric acid, phosphoric acid or acetic acid.